

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER NBU 922-30K4CS
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT NATURAL BUTTES
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES
6. NAME OF OPERATOR KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. OPERATOR PHONE 720 929-6515
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217		9. OPERATOR E-MAIL julie.jacobson@anadarko.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU463	11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
13. NAME OF SURFACE OWNER (if box 12 = 'fee')		12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')		14. SURFACE OWNER PHONE (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	539 FSL 1724 FWL	SESW	30	9.0 S	22.0 E	S
Top of Uppermost Producing Zone	1547 FSL 1977 FWL	NESW	30	9.0 S	22.0 E	S
At Total Depth	1547 FSL 1977 FWL	NESW	30	9.0 S	22.0 E	S


21. COUNTY UINTAH	22. DISTANCE TO NEAREST LEASE LINE (Feet) 1547	23. NUMBER OF ACRES IN DRILLING UNIT 551
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 986	26. PROPOSED DEPTH MD: 9611 TVD: 9448
27. ELEVATION - GROUND LEVEL 4925	28. BOND NUMBER WYB000291	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	11	8.625	0 - 2480	28.0	J-55 LT&C	0.2	Type V	180	1.15	15.8
							Class G	270	1.15	15.8
Prod	7.875	4.5	0 - 9611	11.6	I-80 LT&C	12.5	Premium Lite High Strength	310	3.38	11.0
							50/50 Poz	1300	1.31	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE) <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
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NAME Laura Abrams	TITLE Regulatory Analyst II	PHONE 720 929-6356
SIGNATURE	DATE 06/22/2011	EMAIL Laura.Abrams@anadarko.com
API NUMBER ASSIGNED 43047517130000	APPROVAL  Permit Manager	

Found 1977 Brass Cap. Pile of Stones. S89°35'W - 33.36 (G.L.O.) N89°59'W - 40.42 (G.L.O.) Found 1977 Brass Cap. Pile of Stones. N89°57'48"W - 2668.02' (Meas.)

13.67 (G.L.O.) 19.69 (G.L.O.) Found 1960 Brass Cap. Pile of Stones.

LOT 1

NBU 922-30K4CS (Surface Position)
NAD 83 LATITUDE = 40.001231° (40° 00' 04.430")
LONGITUDE = 109.484495° (109° 29' 04.182")
NAD 27 LATITUDE = 40.001266° (40° 00' 04.556")
LONGITUDE = 109.483809° (109° 29' 01.713")

LOT 2

NBU 922-30K4CS (Bottom Hole)
NAD 83 LATITUDE = 40.003998° (40° 00' 14.393")
LONGITUDE = 109.483598° (109° 29' 00.954")
NAD 27 LATITUDE = 40.004033° (40° 00' 14.519")
LONGITUDE = 109.482913° (109° 28' 58.485")

Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap in Pile of Stones.

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WELL LOCATION:
NBU 922-30K4CS
ELEV. UNGRADED GROUND = 4926.6'

LOT 3

1977'

Bottom of Hole

Well Surface Position

1547'

1724'

LOT 4

Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap. Pile of Stones.

13.925 (G.L.O.) 19.925 (G.L.O.) 19.925 (G.L.O.) 19.925 (G.L.O.)

919.75' (Meas.) 1314.58' (Meas.) 1317.52' (Meas.) 1312.43' (Meas.)

S89°48'51"W S89°49'04"W S89°51'19"W S89°47'06"W

1/16 Cor. Found 1977 Brass Cap in Pile of Stones. 1/16 Cor. Found 1977 Brass Cap. 1/16 Cor. Found 1977 Brass Cap. 1/16 Cor. Found 1977 Brass Cap.

N0°10'W - 40.06 (G.L.O.) N00°05'10"W - 2643.59' (Meas.) N00°00'38"W - 2639.48' (Meas.) N0°04'W - 80.00 (G.L.O.) N0°03'18"W (Basis of Bearings) 2639.74' (Measured) N0°03'W - 39.98 (G.L.O.) N00°01'20"E 1321.22' (Meas.) N00°03'07"W 1320.40' (Meas.)

Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap. Pile of Stones. Found 1977 Brass Cap. Pile of Stones.

1000' 500' 0'

NOTES:

- ▲ = Section Corners Located
1. Well footages are measured at right angles to the Section Lines.
 2. G.L.O. distances are shown in feet or chains.
1 chain = 66 feet.
 3. The Bottom of hole bears N14°00'24"E 1039.22' from the Surface Position.
 4. Bearings are based on Global Positioning Satellite observations.
 5. Basis of elevation is Tri-Sta "Two Water" located in the NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

Kerr-McGee Oil & Gas Onshore, LP
1099 18th Street - Denver, Colorado 80202

WELL PAD: NBU 922-30N

NBU 922-30K4CS
WELL PLAT

1547' FSL, 1977' FWL (Bottom Hole)
NE $\frac{1}{4}$ SW $\frac{1}{4}$ OF SECTION 30, T9S, R22E,
S.L.B.&M., UINTAH COUNTY, UTAH.

NE $\frac{1}{4}$ SW $\frac{1}{4}$ OF SECTION 30, T9S, R22E,
S.L.B.&M., UINTAH COUNTY, UTAH.

CONSULTING, LLC
2155 North Main Street
Sheridan WY 82801
Phone 307-674-0609
Fax 307-674-0182

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL LAND SURVEYOR
REGISTRATION No. 6028691
STATE OF UTAH

TIMBERLINE

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.
209 NORTH 300 WEST - VERNAL, UTAH 84078

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED:
10-18-10

DATE DR

SURVEYED BY: M.S.B.

DRAWN BY: E.M.S.

SCALE: 1" = 1000'

Date Last Revised:	06-10-11 M.W.W.
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06-10-11 M.W.W.

SHEET NO:

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